

ABSTRACT

Tire building drum and tire building method, capable of assembling tire component members with high accuracy. A tire building drum is used, which includes at least one core body, which is
5 disposed at an axial inside of a pair of bead lock means, and which comprises a plurality of sheets of rigid support members disposed in a toroidal shape and adapted to be displaced and thereby expanded or contracted. Bead cores are locked by the bead lock means, respectively, and a center portion of a carcass band is bulged while
10 displacing the bead lock means close to each other. Back side portions of the carcass band are folded to radial outsides around the bead cores, respectively. The core body is then radially expanded to the maximum diameter while locking the bead cores, and tire component members are assembled onto the radially expanded core
15 body.